Use Attainability Analysis

for

WBID 0613 West Fork Locust Creek

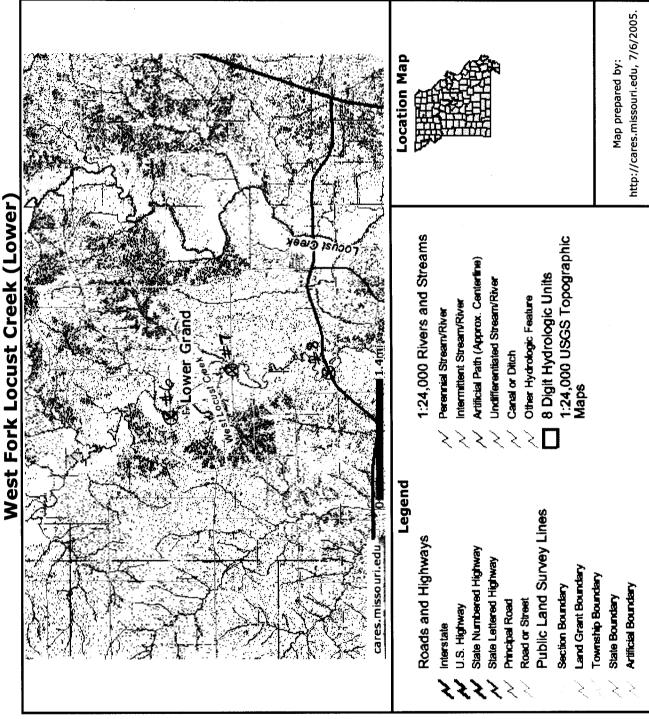
Submitted by Missouri Department of Natural Resources Staff

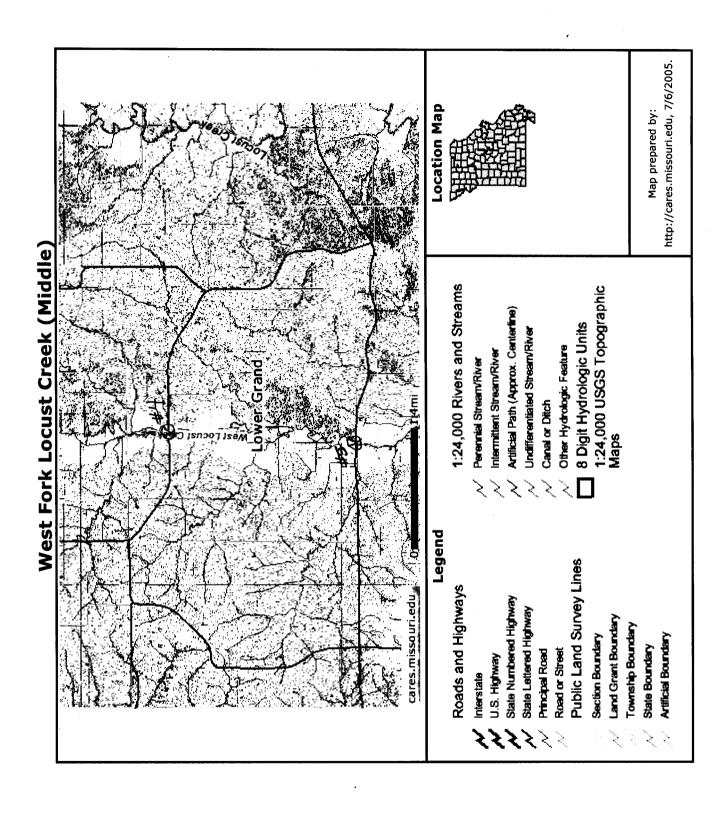
To Missouri Department of Natural Resources Water Protection Program

2005 JUL - 8 Ald | Field Data Sheets for Recreational Use Stream Surveys

WINTER FACTION PROCESAND Data Sheet A - Water Body Identification

 -	280/03
Missouri WBID #	
County: Salli	1an
Upstream Legal D	escription: T64N R.ZIW 5.33
Downstream Lega	Description: T. GZN R. ZIW 5.26
Upstream Coordin	ates: N; 40,30540° W; 93,26747°
Downstream Coor	ates: N; 40,30540° W; 93,26747° dinates: N; 40, 13897° W; 93,21579°
Discharger Facility	
Discharger Permit	Number(s):
Number of Sites E	valuated: 😽
Name of Surveyor	and Telephone Number: Wyn Kelley 573/884-3440
Organization:	
Position: 5	Soil Scientist





Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

	Missouri WBID #: 💍	613-01	۸	Site Location De	escription:	
	Site GPS Coordinates:	N: 40:30540 W: 93.26747				
. -	Date & Time: 7/7/		p.M	Facility Name:		
ľ	Personnel: WIN	lellev		Permit Number:		
ŀ	Current Weather Condit	ions: hoty	dry	/ Weather Conditi	ions for Past 7 days: hot	tary (1"rain
İ	Photo Ids: Upstream: C	0613U-01 Do	wastre	am: 06/3D-0/ Othe		
-		±10		# [[
Use	es Observed*:					.,
	Swimming	Skin diving		SCUBA diving	☐ Tubing	☐ Water skiing
	☐ Wind surfing	☐ Kayaking	j	☐ Boating	☐ Wading	Rafting
Ī	☐ Hunting	Trapping		Fishing	None of the above	Other:
			•	g, frequency of use, photo-		
Sus	· -			·	ses. Attach photos of evider	<u>-</u>
_	· -			·		nce or unusual
-	rrounding Condition		promo	·		<u>-</u>
	rrounding Condition	ns*: (Mark all that	promo!	te or impede recreational u	ses. Attach photos of eviden	nce or unusual
_	rrounding Condition as of interest.) City/county parks	ns*: (Mark all that	promo	te or impede recreational u IDC conservation lands fational forests teep siopes	ses. Attach photos of evider	nce or unusual Campgrounds
tem	rrounding Condition as of interest.) City/county parks Boating accesses No trespass sign	ns*: (Mark all that Playgrounds State parks Fence	promo	te or impede recreational u 4DC conservation lands fational forests	ses. Attach photos of evider Urban areas Nature trails	nce or unusual Campgrounds
tem	rrounding Conditions of interest.) City/county parks Boating accesses No trespass sign	ns*: (Mark all that Playgrounds State parks Fence	promoi	te or impede recreational u ADC conservation lands fational forests teep siopes Frank bank	ses. Attach photos of evider Urban areas Nature trails	Campgrounds
tem	rrounding Condition as of interest.) City/county parks Boating accesses No trespass sign	ns*: (Mark all that Playgrounds State parks Fence	promo	te or impede recreational u IDC conservation lands fational forests teep siopes	ses. Attach photos of evider Urban areas Nature trails	nce or unusual Campgrounds

^{*}Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

Page Two - WBID # 06/3 -0\ Data Sheet B - Site Characterization

Stream Morpholo Upstream View	gy: [,] Physical Dimen	isions:			
Riffle Widd		Length (ft):	Avg. Depth (i	ft):	Max. Depth (ft):
Run Widd	ı (ft): 3	Length (ft): 150	Avg. Depth (i	fo: 0,25	Max. Depth (ft): 0.33
Pool Widti	ı (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
Flow Prese	nt? 🖫 Yes 🗀 :	No.	Estimated (ft ³	/sec):	
Downstream V	iew Physical Din	nensions:			
☐ Riffle Widti		Length (ft):	Avg. Depth (t	ft):	Max. Depth (ft):
Rup Widt	r (ft):	Length (ft):	Avg. Depth (i	ft):	Max. Depth (ft):
Pool Widtl	ı (ft): 👍 🔝	Length (ft): 30	Avg. Depth (f	ft): 0,33	Max. Depth (ft): 0,5
Fiow Prese		√o	Estimated (ft ³		
Substrate*: (These			and	% Silt 60%	6 Mud/Clay % Bedrock
Aquatic Vegetation	\mathbf{n}^* : (note amount of	vegetation or algal gr	owth at the asses	isment site)	
Water Character	· · · · · · · · · · · · · · · · · · ·				
Odor:	Sewage		Chemical	None	Other:
Color:	☐ Sludge		Gray Fine sediments	☐ Milky ☐ None	Other:
Bottom Deposit: Surface Deposit:	Oil		oam	None	Other:
*This information is no comprehensive unders decision on the recreat	of to be used solely for anding of water cond on use analysis but r , hereby affirm	or removal of a recreati ditions. Consequently, nay point to conditions to the best of my k	ional use designa this information that need furthe mowledge, th	ation but rather is to is not intended to d ir analysis or that eff at all informati	provide a more Frectly influence a



0613_001_DS



Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

	1613 - 02,		ן ועון דייו	escription: K Locust Cr	
Site GPS Coordinates:	W: 93, 25543	<u> </u>			
Date & Time: 7/7/6	05 1:3	M. QO	Facility Name:		
Personnel: WYN	Kelley		Permit Number:		
Current Weather Condit	tions: hotta	lry	Weather Conditi	ons for Past 7 days:	not + dry (1" re
Photo Ids: Upstream: C			e13D-02 Other	: 0613E-0	2
es Observed*:	II/2-		#13		(hog carcass)
Swimming	Skin diving	☐ sc	UBA diving	Tubing	Water skiing
☐ Wind surfing	Kayaking	Bo	ating	□ Wading	Rafting
Hunting	Trapping	Fis	hing	None of the abo	ove Other:
rrounding Conditio	ns*: (Mark all that p	promote or im	pede recreational u	ises. Attach photos of	evidence or unusual
rrounding Conditions of interest.)	ns*: (Mark all that p		pede recreational u	ises. Attach photos of t	evidence or unusual
ns of interest.) City/county parks			nservation lands		
os of interest.) City/county parks Boating accesses	Playgrounds	☐ MDC co	nservation lands forests	Urban areas	Campground
Sof interest.) City/county parks Boating accesses No trespass sign	Playgrounds State parks Fence	MDC co National	nservation lands forests	Urban areas Nature trails Other:	Campground
os of interest.) City/county parks Boating accesses	Playgrounds State parks Fence	☐ MDC co ☐ National ☐ Steep slo	nservation lands forests	Urban areas Nature trails Other:	Campground Stairs/walkw
s of interest.) City/county parks Boating accesses No trespass sign idence of Human U	Playgrounds State parks Fence No stream Chaune	MDC co National Steep slo	nservation lands forests opes Stream 51de	Urban areas Nature trails Other:	Campground Stairs/walkw

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

"Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

Page Two - WBID #0613-62 Data Sheet B - Site Characterization

Stream Morp Unstream		al Dimensions:						
Riffle	Width (ft):	Length (ft):		Avg. Depth	(ft):	M	lax. Depth (ft):	
Run	Width (ft):	Length (ft):	60	Avg. Depth	(ft): (D,Z	- N	lax, Depth (ft);	0,33
☐ Pool	Width (ft):	Length (ft):		Avg. Depth	(ft): 🚙	. M	[ax. Depth (ft):	
Flow	Present?	res No		Estimated (fi	t ³ /sec):			
Downstres	m View Phys	sical Dimensions:						
Riffle	Width (ft):	Length (ft):		Avg. Depth	(ft):	M	(ax. Depth (ft):	
- 3an	Width (ft):	Length (ft):		Avg. Depth ((ft):	M	(ax. Depth (ft):	".
₩ Pool	Width (ft): 6	Length (ft):	40	Avg. Depth ((ft): O,	3 M	ax. Depth (ft):	0,4
Flow	Present?	Zes □ No		Estimated (f:	³ /sec):			·
%	Cobble	mould add up to 100%.) % Gravel Commonstance C	r algal grow		% Silt	40%1	/lud/Clay	% Bedrock
Water Chara	cteristics*: ()	Mark all that apply.) age	□ Ch	emical	₩ None		 Other:	
Color:	Clea		Grz	···	Milky		Other:	· ·
Bottom Dep Surface Dep		ge Solids Scom	Fin Foa	e sediments	None None		Other:	
*This informatio comprehensive u decision on the re	n is not to be use inderstanding of ecreation use ana	dditional comments Fish observed d soiely for removal of water conditions. Consi	ed a recreation equently, the conditions the	nal use design is information hat need furth	ation but rath n is not inten er analysis of	ner is to pr ded to dire that effec	ovide a more cetly influence a t another use.	
I, the undersi datasheet is t	-	affirm to the best	of my kn	owledge, tl	((ı reported or	this UAA
Signed:	1070	eexery_		Date:	7/7/9	9フ		
Organization:	M.	DNR'		Position	7/7/9 1: _ 5:	si∫ :	Scientis	£



0613_002_DS





Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

	613-03.	S	lite Location De	scription:		
Site GPS Coordinates: 1	: 40,26839 1: 93,24866°					
		, ⊳ 1, F	acility Name:			
Personnel: NIVN	e 14.	P	ermit Number:			
	ons: hot & dry	V	Veather Conditi	ons for Past 7 days	: hot	Fary (I rain)
Photo Ids: Upstream: 06		am: 06 3]	D- 03 Other	: 0613E -		
<u> </u>	#15	#14	, <u> </u>	#17 (-rang	e yellaw)
s Observed*:			· 	· · · · ·	a iga	
Swimming	Skin diving	SCUB	A diving	Tubing		Water skiing
Wind surfing	Kayaking Kayaking	☐ Boatin	g	Wading	 .	Rafting
Hunting	Trapping	Fishin:	g	None of the	above	Other:
rounding Condition	.s*: (Mark all that promo	nte or imped	ie recreational u	ses. Attach photos	of evider	
_			ie recreational u rvation lands	ses. Attach photos	of evider	nce or unusual
is of interest.)	Playgrounds 1		rvation lands			
City/county parks Boating accesses No trespass sign	Playgrounds I	MDC conse	rvation lands ests	Urban areas		. 🔲 Campgrounds
City/county parks Boating accesses No trespass sign	Playgrounds I	MDC conse	rvation lands ests	Urban areas Nature trails		Campgrounds Stairs/walkway
City/county parks Boating accesses No trespass sign	Playgrounds I	MDC conse National for Steep slopes	rvation lands ests	Urban areas Nature trails Other:	A)	Campgrounds Stairs/walkway RV / ATV Tracks
os of interest.) City/county parks Boating accesses	Playgrounds I	MDC conse National for Steep slopes	rvation lands ests	Urban areas Nature trails Other:	A)	Campgrounds Stairs/walkway
-	Date & Time: 7 7 7 Personnel: WYN K Current Weather Condition Photo Ids: Upstream: 06 s Observed*: Swimming Wind surfing Hunting	Site GPS Coordinates: W. 93,24866° Date & Time: 7 7 05 215 p Personnel: WVN Ke LY Current Weather Conditions: 10+4 dry Photo Ids: Upstream: 06134-03 Downstre # 15 s Observed*: Swimming Skin diving Wind surfing Kayaking Hunting Trapping	Site GPS Coordinates: W. 93.24866 Date & Time: 7 7 05 2:15 p.M. F Personnel: WVN Ke LY Current Weather Conditions: No+ 4 dry Photo Ids: Upstream: 06134-03 Downstream: 0613 # 15 # 16 s Observed*: Swimming Skin diving SCUB Wind surfing Kayaking Boatin Hunting Trapping Fishin	Site GPS Coordinates: W 93,24866 Date & Time: 7 7 05 215 p.M., Facility Name: Personnel: WVN Kelly Permit Number: Current Weather Conditions: 10+4 dry Weather Conditions: 10+4 dry Weather Conditions: 15 # 16 s Observed*: Swimming Skin diving SCUBA diving Wind surfing Kayaking Boating Hunting Trapping Fishing	Site GPS Coordinates: W 93,24866° Date & Time: 7 7 05 2:15 p.M., Facility Name: Personnel: WVN Ke LY Permit Number: Current Weather Conditions: 10+4 dry Weather Conditions for Past 7 days Photo Ids: Upstream: 06134-03 Downstream: 0613D-03 Other: 0613 E- # 15 # 16 # 17 (s Observed*: Swimming Skin diving SCUBA diving Tubing Wind surfing Kayaking Boating Wading Hunting Trapping Fishing	Site GPS Coordinates: W: 93.24866 Date & Time: 7 7 05 2:15 p.M., Facility Name: Personnel: WVN Ke LY Current Weather Conditions: No + dry Photo Ids: Upstream: 06134-03 Downstream: 0613D-03 Other: 0613 E-03 #15 #16 #17 C-rang so Observed*: Swimming Skin diving SCUBA diving Tubing Wading

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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Page Two	- WBID	0613~ #:	03 Data Sh	neet B - S	ite Characte	rization		
Stream M	(orpholog	y:	oimensions:					
Riff			Length (ft)	:	Avg. Depth	(ft):	Max. Depth (ft):	-
Run			Length (ft)			(ft): 0.29		9.33
Poo		· · · · · · · · · · · · · · · · · · ·	Length (ft)	-,-	Avg. Depth		Max. Depth (ft):	
☑ Flo			□ No		Estimated (f	t³/sec):		
		DI .	100	·			-	"
Downs			d Dimensions Length (ft)		Avg. Depth	(ft):	Max. Depth (ft):	
Ryn			Length (ft)		Avg. Depth		Max. Depth (ft):	
P00			Length (ft)		Avg. Depth		Max. Depth (ft):	
Flox			□ No		Estimated (f	····		
Substrate	*: (These v % Cooble		add up to 100% % Gravel	<u>.)</u> ሬሪሜs	and	% Silt	40% Mud/Clay	% Bedrock
	- 10 COO 51 P		70.0101	Ψ			, , , , , , , , , , , , , , , , , , , ,	
Aquatic V	egetation	*: (note ame	ount of vegetation	,	rowth at the asse	essment site)		
			N,	/ /}				
<u> </u>	_							
Water Ch	aracteris:	tics*: (Marl	k all that apply.)				·	
Odor:	····	Sewage			Chemical	None	Other:	
Color:	<u></u>	Clear	☐ Green		Gray	☐ Milky	Other:	
Bottom	Deposit:	Sludge	☐ Solids		Fine sediments	☑ None	Other:	
Surface	Deposit:	Oil	Scum		Foam	None	Other:	
*This inform	ation is not ive understa	to be used so	olely for removal er conditions. Co	of a recrease	ding informat tional use design	ion from int nation but rather in is not intend	erviews) to this form. er is to provide a more led to directly influence a that effect another use.	
		,						
I, the und datasheet	_	_		st of my l	knowledge, t	hat all info	rmation reported on	this UAA
Signed:_	<u></u>	Nepo	Mely		Date:	7/7/	05 1501 entis	
Organizati	оп:	MI	NR'	, ,	Position	n: _ 50'	1 Scientis	<u></u>



0613_003_DS





Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID#: 6	613-04	Site Location D	escription: Locus	reet.
Site GPS Coordinates:	N; 40.23184 N; 93,24730°	///	4 5-4-10	. <u></u>
Date & Time: 7/7/	05 Z:30 p.	M, Facility Name:		
Personnei: WUN	Relley	Permit Number	:	
Current Weather Condit	ions: not & drx	Weather Condi	tions for Past 7 days: hot	Ydry (1,1
Photo Ids: Upstream:	6134-04 Downstre	eam: 0613D-64 Othe	er:	
	#18	#19		
ses Observed*:				
Swimming	Skin diving	SCUBA diving	Tubing	Water skiing
☐ Wind surfing	☐ Kayaking	Boating	□ Wading	Rafting
Hunting	☐ Trapping	Fishing	None of the above	Other:
Desc, toe. (.iiciade iiuiii.				of recipitational con-
rrounding Conditio			uses. Attach photos of evider	
	ns*: (Mark all that prom			nce or unusual
arrounding Condition	ns*: (Mark all that prom	ote or impede recreational	uses. Attach photos of evider	nce or unusual
nrounding Conditions of interest.)	ns*: (Mark all that prom	ote or impede recreational MDC conservation lands	uses. Attach photos of evider	nce or unusual Campground Stairs/walkw
rrounding Conditions of interest.) City/county parks Boating accesses No trespass sign	ns*: (Mark all that prom	ote or impede recreational MDC conservation lands National forests	uses. Attach photos of evider	nce or unusual Campground Stairs/walkw
rrounding Conditions of interest.) City/county parks Boating accesses	ns*: (Mark all that prom	ote or impede recreational MDC conservation lands National forests	uses. Attach photos of evider	Campground
rrounding Conditions of interest.) City/county parks Boating accesses No trespass sign	ns*: (Mark all that promo Playgrounds State parks Fence	ote or impede recreational MDC conservation lands National forests Steep slopes	uses. Attach photos of evider Urban areas Nature trails Other:	nce or unusual Campground Stairs/walkw

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Page Two - WBID #06/3 Data Sheet B - Site Characterization

St	ream Morphol Upstream Vie	logy: w Physical Dim	ensions:				
	Riffle Wid	ith (ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
	Run Wid	th (ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
	Popl Wid	th (ft): 8	Length (ft): Z	💪 Avg. Depth	(ft): 0.33	Max. Depth (ft):	1.0
	Flow Pres	ent? Yes] No	Estimated ()	ft ³ /sec):		
	Downstream V	View Physical D	imensions:				
		th (ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	· <u>-</u>
	Run Wid	th (ft): 3	Length (ft): /O	 Avg. Depth 	(ft): 0,Z	Max Depth (ft):	
	Pool Wid	th (ft):	Length (ft):	Avg. Depth		Max. Depth (ft):	
	Flow Pres	ent? Yes] No	Estimated (f	<u> </u>		
	% Cob	1	ravel 60	% Sand	% Silt : 40	% Mud/Clay	% Bedrock
W.	ater Character	ristics*: (Mark all	that apply.)	☐ Chemical	□ None	Other:	···
	Color:	Clear	Green	Gray	Milky	Other:	, <u> </u>
	Bottom Deposit:	Sludge	Solids	Fine sediments	None	Other:	
Co	Surface Deposit: mments: Pleas	Oil e attach addition	Scum al comments (inc	Foam cluding informati	✓ None on from intervi	Other:	1.
iec , t lat	prehensive unders ision on the recreat	tanding of water costion use analysis but 1, hereby affirm	nditions. Conseque may point to condi	creational use design ntly, this information tions that need furthing knowledge, the protection of the control	n is not intended to er analysis or that o nat all informa	directly influence a effect another use.	n this UAA
	anization:	MIDN	6	Date:	/	Scientis	7



0613_004_DS



Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Site GPS Coordinates:	Missouri WBID #: O	613-05.	Site Location 1	Description: ork Locust Cree	K
Personnel: Wyn Ke lev	Site GPS Coordinates:	N: 40.19940 " W: 93.24980"	10001	····· <u>·</u>	
Personnel: Wyn Keley	Date & Time: 7 7	3	Facility Name	:	
Photo Ids: Upstream: 06/31-05 Downstream: 06/31-05 Other: 06/3 E - 05 #20 #21 #22 (Yell-w-orange) #20 Water skinn Water skinn Water skinn Wind surfing Kayaking Boating Wating Rafting Hunting Trapping Fishing None of the above Other: #20 Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses of interest.) #21 Cycl-w-orange Water skinn None of the above Other: #21 Dock/platform Livestock Watering RV/ATV: Roads Foot paths/prints Dock/platform Livestock Watering RV/ATV: Roge swings Camping Sites Fire pit/ting NPDES Discharge Pashing Tack Pashing Tack Popper Sping Proce Pashing Tack Popper Sping Tack Popper Sping Tack Popper Proce Pashing Tack Popper Proce Poppe	Personnel: WVN K	<i>[[[]]]</i>		r:	
#20 #21 #22 (yell	Current Weather Condi	tions: hot 4dr	√ Weather Cond	itions for Past 7 days: 🎧	tdry (1'r
#20 #21 #22 (Yell-worange) Skin diving Skin diving SCUBA diving Tubing Water sking Wind surfing Kayaking Boating Wading Rafting Hunting Trapping Fishing Mone of the above Other: Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses interest.) City/county parks Playgrounds: MDC conservation lands Urban areas Camparound Boating accesses State parks National forests Nature trails Stairs/walker No trespass sign Fence Steep slopes Other: Roads Foot paths/prints Dock/platform Livestock Watering RV/ATV: Roads Camping Sites Fire pit/ring NPDES Discharge Greening Tac	Photo Ids: Upstream:	6134-05 Downsti	ream: 06/3D-05 Od	ier: 0613 E - 05	
Swimming Skin diving SCUBA diving Tubing Water sking Wind surfing Kayaking Boating Wading Rafting Hunting Trapping Fishing Whone of the above Other: Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses) Trounding Conditions*: (Mark all that promote or impede recreational uses). Attach photos of evidence or unusual ms of interest.) City/county parks Playgrounds MDC conservation lands Urban areas Camparound Boating accesses State parks National forests Nature trails Stairs/walks No trespass sign Fence Steep slopes Other: Vidence of Human Use*: Rope swings Camping Sites Fire pit/ring NPDES Discharge Fishing Tac			#21	#22 Cycll-	w-stange)
Wind surfing	es Observed*:		<u></u>		weter
Hunting	Swimming	Skin diving	SCUBA diving		<u> </u>
Playgrounds: Mark all that promote or impede recreational uses. Attach photos of evidence or unusual ms of interest.) City/county parks Playgrounds: MDC conservation lands Urban areas Campaground Stairs/walks No trespass sign Pence Steep slopes Other: MATTACH Matter trails Stairs/walks Roads Foot paths/prints Dock/platform Livestock Watering RV/ATV Roads Gamping Sites Fire pit/ring NPDES Discharge Fishing Tack.	Wind surfing		Boating		ļ
Trounding Conditions*: (Mark all that promote or impede recreational uses. Altach photos of evidence or unusual ms of interest.) City/county parks	Hunting	☐ Trapping	Fishing	None of the above	ther:
☐ City/county parks ☐ Playgrounds ☐ MDC conservation lands ☐ Urban areas ☐ Campground ☐ Boating accesses ☐ State parks ☐ National forests ☐ Nature trails ☐ Stairs/walky ☐ No trespass sign ☐ Fence ☐ Steep slopes ☐ Other: ☐ Image: ☐ All All All All All All All All All A	Describe: (include num	Del O. Highwidelis recreat	ing, recipency or doc, prior	Q-dyself in strategies	egi recreational dae
No trespass sign	rrounding Condition				
ridence of Human Use*: ☐ Roads ☐ Foot paths/prints ☐ Dock/platform ☐ Livestock Watering ☐ RV / ATV : ☐ Rope swings ☐ Camping Sites ☐ Fire pit/ring ☐ NPDES Discharge ☐ Fishing Tac	rrounding Conditions of interest.)	o ns*: (Mark all that pron	note or impede recreationa	uses. Attach photos of evide	ence or unusual
Roads Foot paths/prints Dock/platform Livestock Watering RV / ATV : Rope swings Camping Sites Fire pit/ring NPDES Discharge Fishing Tag	rrounding Conditions of interest.)	ons*: (Mark all that pron	note or impede recreationa MDC conservation lands	uses. Attach photos of evide	nce or unusual
Rope swings Camping Sites Fire pit/ring NPDES Discharge Fishing Tag	rrounding Conditions of interest.) City/county parks Boating accesses	ons*: (Mark all that pron Playgrounds :	note or impede recreationa MDC conservation lands National forests	uses. Attach photos of evide Urban areas Nature trails	ence or unusual Campground Stairs/walkw
Total samples Campung of the campu	rrounding Conditions of interest.) City/county parks Boating accesses No trespass sign	ons*: (Mark all that pron Playgrounds : State parks Fence Jse*:	note or impede recreationa MDC conservation lands National forests Steep slopes	uses. Attach photos of evide Urban areas Nature trails Other:	ence of unusual Campground Stairs/walkw
	rrounding Conditions of interest.) City/county parks Boating accesses No trespass sign idence of Human U	ons*: (Mark all that pron Playgrounds State parks Fence Se*: Foot paths/prints	note or impede recreationa MDC conservation lands National forests Steep slopes Dock/platform	uses. Attach photos of evide Urban areas Nature trails Other: A	campground Stairs/walkw

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Page Two - WBID # 0613 Data Sheet B - Site Characterization

Stream Morphol Upstream Vie		imensions:				
	th (ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
☐ Run Wid	th (ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
Pool Wid	th (ft): 🖇	Length (ft): 2	Avg. Depth	(ft): 0,33	Max. Depth (ft): (5.4
Flow Pres	ent? Pres	□ No	Estimated (fi			······································
Downstream V	View Physica	l Dimensions:				
	th (ft):	Length (ft):	Avg. Depth ((ft):	Max. Depth (ft):	
Run Wid	th (ft): 6	Length (ft): 6	💪 Avg. Depth ((ft): 0.2	Max. Depth (ft): 6	g, 3
Pool Wid	th (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):	
Flow Pres	ent? Yes	□ No	Estimated (ft	³/sec):		<u> </u>
% Cob	·	M Gravel ; GO	% Sand gal growth at the asse	······································	Ø Mud/Clay	% Bedrock
Water Character						
Odor:	Sewage	<u></u>	Chemical	None	Other:	
Color:	Clear	Green	Gray	Milky	Other:	
Bottom Deposit:	Sludge Oil	☐ Şolids ✓ Scum	Fine sediments	None	Other:	
	5 e attach addit	ee 0613E-C	ncluding informati	on from inter	Other: 1 Side FON (V) views) to this form.	
comprehensive unders decision on the recrea	standing of wate tion use analysis	r conditions. Conseque but may point to cond	ently, this information litions that need further	is not intended or analysis or the	to directly influence a at effect another use.	
datasheet is true	and accurate	rm to the best of			nation reported on	this UAA
Signed:	1. 11/1/	///.		1 1		
	190 Case	uy	Date:	7/7/0	5 clentist	



0613_005_DS





Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

レイニ	Missouri WBID #: 0	<u>613-06</u>		Site Location De	scription:	
1 -	Site GPS Coordinates:	170,16676 01, 93.22614		:		
-	Date & Time: 7/7/0		2, M/	Facility Name:		
Ì	Personnel: NUN	ellev	• • • • • • • • • • • • • • • • • • • •	Permit Number:		
-	Current Weather Condition	ons: hot & dry	/	Weather Conditi	ons for Past 7 days: hot	tdry (I rain)
	Photo Ids: Upstream: 0(134-06 Downstre	am:0(e)	30-06 Other	:	
-		£23	#	:24		- ·
Use	es Observed*:	 			·	
	Swimming	Skin diving	SCU	UBA diving	Tubing	Water skiing
Ī	Wind surfing	☐ Kayaking	Boa	tting	Wading	Rafting
F	Hunting	Trapping	Fist	ning	None of the above	Cther:
					, , , , , , , , , , , , , , , , , , ,	
		us*: (Mark all that prom	ote or im	pede recreational u	ses. Attach photos of evide	nce or unusual
	ns of interest.)			pede recreational u	ises. Attach photos of evide	nce or unusual [] Campgrounds
	os of interest.) City/county parks	☐ Playgrounds ☐		nservation lands		· · · · · · · · · · · · · · · · · · ·
	ns of interest.)	Playgrounds State parks	MDC co	nservation lands forests	Urban areas	Campgrounds
item	City/county parks Boating accesses No trespass sign	Playgrounds State parks Fence	MDC cor National	nservation lands forests	Urban areas Nature trails	Campgrounds
item	is of interest.) City/county parks Boating accesses No trespass sign idence of Human Us	Playgrounds State parks Fence e*:	MDC co. National Steep slo	nservation lands forests pes	Urban areas Nature trails Other:	☐ Campgrounds ☐ Stairs/walkway
item	cons of interest.) City/county parks Boating accesses	Playgrounds State parks Fence	MDC co. National Steep slo	nservation lands forests	Urban areas Nature trails	Campgrounds

^{*}Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

Data Sheet B - Site Characterization Page Two - WBID # Stream Morphology: Upstream View Physical Dimensions: 🗀 Riffle Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft): Run Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft): 60 v Pool Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft): , O (7) Flow Present? The Yes Estimated (ft³/sec): Downstream View Physical Dimensions: Riffle Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft): Run Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft): TP001 Width (ft): Length (ft): 3 🔿 Avg. Depth (ft): Max. Depth (ft): [Flow THY'es Present? ∏ No Estimated (ft³/sec): based on upstream poo Substrate*: (These values should add up to 100%.) % Cobble ! % Gravel % Sand 50 % Mud/Clay % Siit % Bedrock Aquatic Vegetation*: (note amount of vegetation or algal growth at the assessment site) Water Characteristics*: (Mark all that apply.) None Odor: Sewage ☐ Masky Chemical Other: Color: Clear Green Gray ☐ Milky Other: Bottom Deposit: Sludge Solids Fine sediments № Моле Other: Surface Deposit: í∏ Oil Scum None. Foam Other: Comments: Please attach additional comments (including information from interviews) to this form. some small from observed *This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that effect another use. I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate Signed:

Organization:



0613_006_DS



Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Site GPS Coordinates Date & Time: 7 Personnel: WVN	<u> </u>			Site Location Description:				
ļ								
Personnel: WVN	- 11-7 T /				Facility Name:			
				Permit Number:				
Current Weather Conditions: No + Vary			Weather Conditions for Past 7 days: holdry ("rain					
Photo Ids: Upstream:		vnstream:061	3D-07 Othe	r:	T =			
	#25	#24						
ses Observed*:	·				T			
Swimming	Skin diving	SCT	JBA diving	Tubing	Water skiing			
☐ Wind surfing	☐ Kayaking	Boa 🗌 🗆 Boa	ting	Wading	Rafting			
Hunting	Trapping	Fish	ing	None of the above	Other:			
·								
urrounding Conditents of interest.)	ions*: (Mark all that p	promote or im	pede recreationa) (uses. Attach photos of evide				
	~ _		pede recreational unservation lands	uses. Attach photos of evider Urban areas	nce or unusual			
mis of interest.)	~ _		nservation lands					
nts of interest.)	Playgrounds	MDC cor	nservation lands forests	Urban areas	☐ Campgrounds ☐ Stairs/walkway			
mis of interest.) City/county parks Boating accesses No trespass sign	Playgrounds State parks Fence	MDC cor	nservation lands forests	Urban areas Nature trails	☐ Campgrounds ☐ Stairs/walkway			
city/county parks Boating accesses	Playgrounds State parks Fence	MDC cor	nservation lands forests	Urban areas Nature trails	☐ Campgrounds ☐ Stairs/walkway			

^{*}Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

Page Two - WBID # Obj 3 Data Sheet B · Site Characterization

Stream Mor Upstream		ıl Dimensions:			
Riffie	Width (ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):
Run	Width (ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):
Pool	Width (ft): Z	Length (ft): (Avg. Depth	(ft): 0,33	Max. Depth (ft): 0.6
Flow	Present?	es □ No	Estimated (f	t³/sec):	
Downstre	am View Phys	sical Dimensions:			
Riffle	Width (ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):
☐ Rụn	Width (ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):
Pooi	Width (ft): Z.	D Length (ft): /	Avg. Depth	(ft): (b) , 33	Max. Depth (ft): 0, 6
Fiow	Present? 🔲 Y		Estimated (f		
9	Cobble	amount of vegetation or			○% Mud/Clay % Bedrock
Water Chara	acteristics*: ()	די / ען Aark all that apply.)	[]-		
Odor:	☐ Sew:	-	Chemical	№ Nоле	Other:
Color:	Clea		Gray	Milky	Wother: clear to Murky
Bottom Dep	oosit: 🔲 Slud	ge 🗍 Solids	Fine sediments	None	Other:
Surface De	posit: 🔲 Oil	Scum	☐ Foam	None	Other:
*This information comprehensive u	y smal(. en is not to be use enderstanding of	dditional comments (fish observed) d solely for removal of a water conditions. Consect lysis but may point to co	recreational use design quently, this informatic	iation but rather n is not intended	is to provide a more to directly influence a
	igned, hereby rue and accur			/ /	nation reported on this UAA
Signed:	<u>D</u>	MUN	Date:	7/7/05	,
Organization:	M.	DNR	Position	: <u>501</u>	Scientist



0613_007_DS



Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #: 💍	· · · · · · · · · · · · · · · · · · ·	Site Location Di	Site Location Description: Locust Creek			
Site GPS Coordinates:	N: 40.13897 W: 93,21579					
Date & Time: 7/7/	05 4:45 p.1	Facility Name:	Permit Number:			
Personnel: WVN	Kelley	Permit Number:				
Current Weather Condit	ions: hotydry	/ Weather Condit	Weather Conditions for Past 7 days: hothery (1" rain			
Photo Ids: Upstream: 🔿	6134-08 Downstr	eam: 0613D-08 Othe	er;			
	# 2 7	#28				
es Observed*:						
Swimming	Skin diving	SCUBA diving	Tubing	Water skiing		
Wind surfing	☐ Kayaking	Boating	□ Wading	Rafting		
Hunting	Trapping	Fishing	None of the above	Other:		
			uses. Attach photos of evide			
rrounding Conditions of interest.)	ns*: (Mark all that prom	note or impede recreational (uses. Attach photos of evide	nce or unusual		
rrounding Conditio	ns*: (Mark all that prom		uses. Attach photos of evide	nce or unusual		
rrounding Conditions of interest.)	ns*: (Mark all that prom	note or impede recreational (uses. Attach photos of evide Urban areas Nature trails	nce or unusual		
rrounding Conditions of interest.)	ns*: (Mark all that prom	note or impede recreational of MDC conservation lands	uses. Attach photos of evide	nce or unusual		
rrounding Conditions of interest.) City/county parks Boating accesses No trespass sign	ns*: (Mark all that prom	note or impede recreational (MDC conservation lands National forests	uses. Attach photos of evide Urban areas Nature trails	nce or unusual		
rrounding Conditions of interest.) City/county parks Boating accesses	ns*: (Mark all that prom	note or impede recreational (MDC conservation lands National forests	uses. Attach photos of evide Urban areas Nature trails	nce or unusual Campgrounds Stairs/walkwa		
rrounding Conditions of interest.) City/county parks Boating accesses No trespass sign	ns*: (Mark all that prom Playgrounds State parks Fence se*:	MDC conservation lands National forests Steep slopes	uses. Attach photos of evide. Urban areas Nature trails Other:	<u> </u>		

^{*}Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

Page Two - WBID # O613 Data Sheet B - Site Characterization

Stream Morph Unstream V	ology: iew Physical Din	nensions:				
	/idth (ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
Run W	/idth (ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
Poc1 W	7:dth (ft): 5	Length (ft): 4	Avg. Depth	(ft): 0,5	Max. Depth (ft): 1,5	-
Flow P	resent? PYes [□ No	Estimated (f	t ³ /sec):		
Downstream	View Physical I	Dimensions:				
☐ Riffie W	(idth (ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
□ Run W	idth (ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
Pool W	idth (ft): [O	Length (ft):	Avg. Depth	(ft): 0,4	Max. Depth (ft): /, 💍	
Flow P:	resent? PYes [] No	Estimated (f	t ³ /sec):		
Aquatic Vegeta	<u> </u>	t of vegetation or a	Sand Sand Sand Sand Sand Sand		⊃% Mud/Clay % B	edrock
Odor:	Sewage	Musky	Chemical	None	Other:	
Cotor:	☐ Clear	Green	🗒 Gray	☐ Milky	Other: Clear to Mu	rky
Bottom Depos	it: Sludge	Solids	Fine sediments	None	Other:	/
Surface Depos	it: Oil	Scum	☐ Foam	None	Other:	
*This information is comprehensive und decision on the reci	is not to be used solely erstanding of water of reation use analysis by	y for removal of a onditions. Consequent may point to con	recreational use design uently, this information iditions that need furth	lation but rather is n is not intended to er analysis or that	to provide a more o directly influence a	JAA
_	e and accurage.		_	, ,		
Signed:	Wy Call	<i>y</i>	Date:	7/7/0	5 Scientist	
Organization:	MD	NK	Positior	1: <u>Sorl</u>	Scientist	



0613_008_DS

